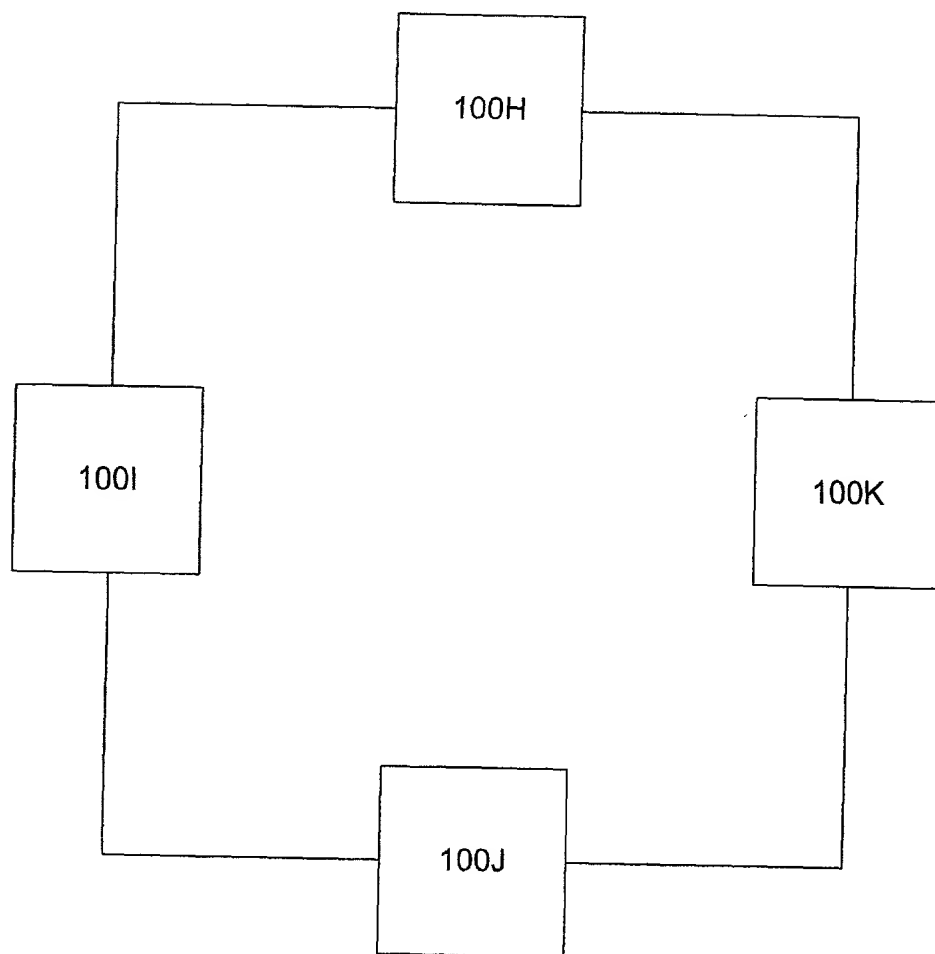
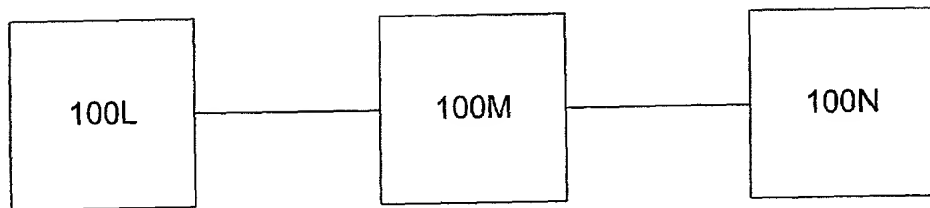


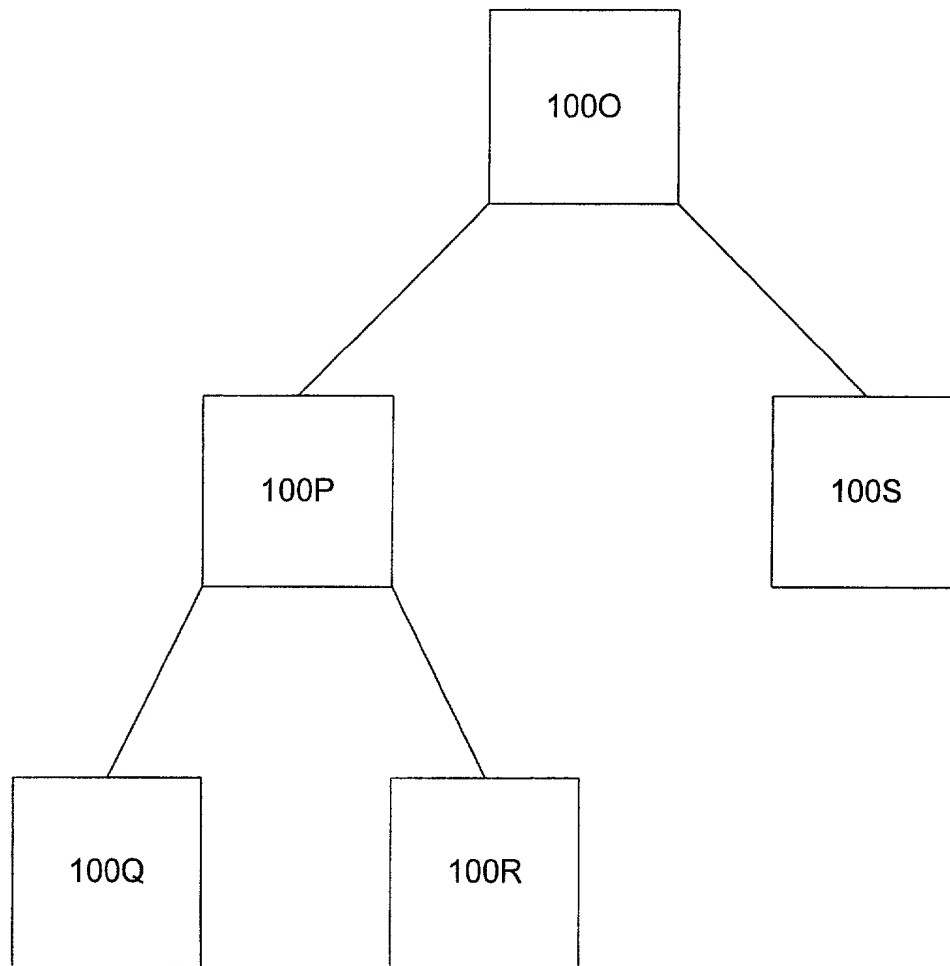
**FIG. 1A**



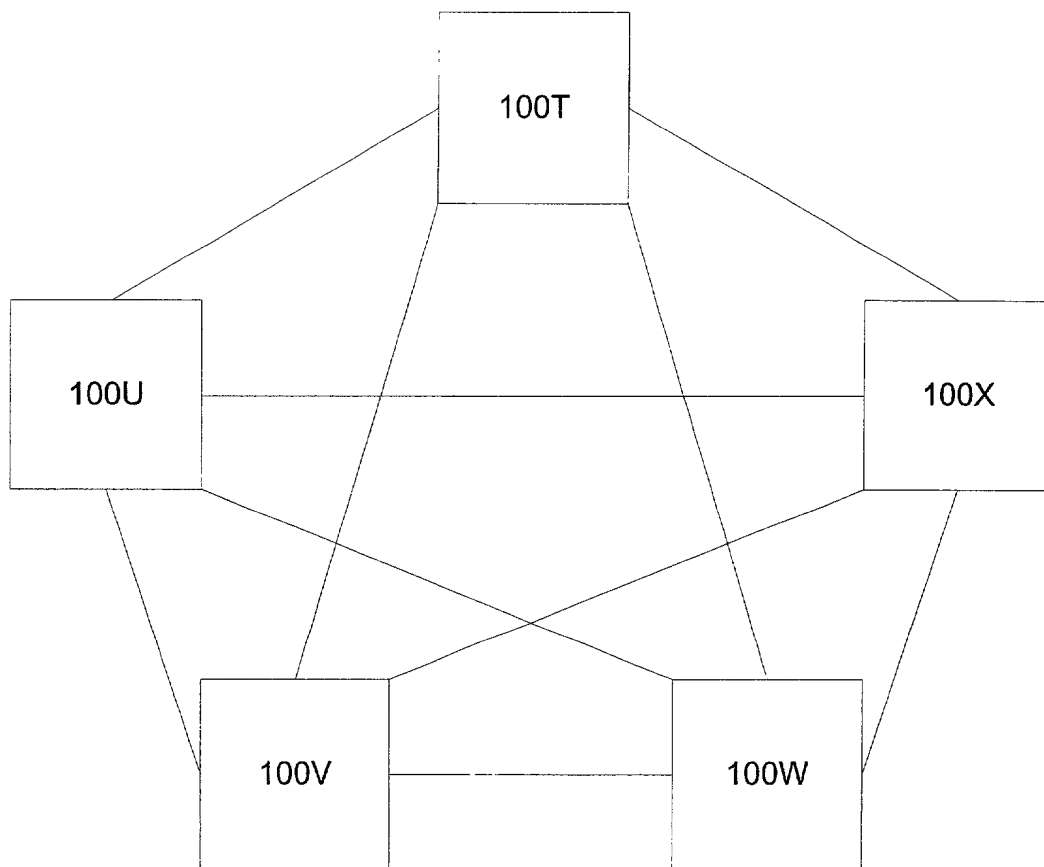
**FIG. 1B**



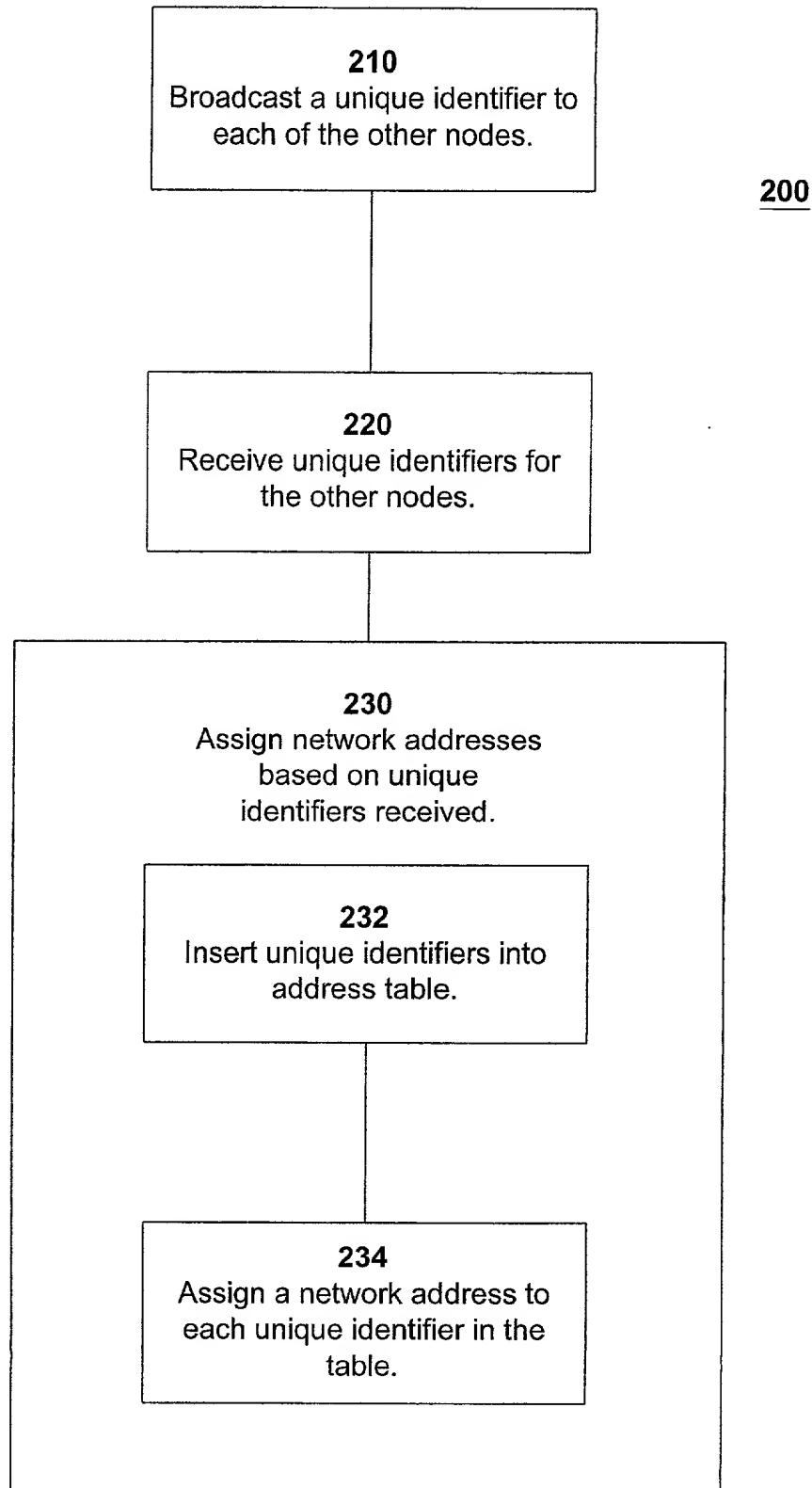
**FIG. 1C**



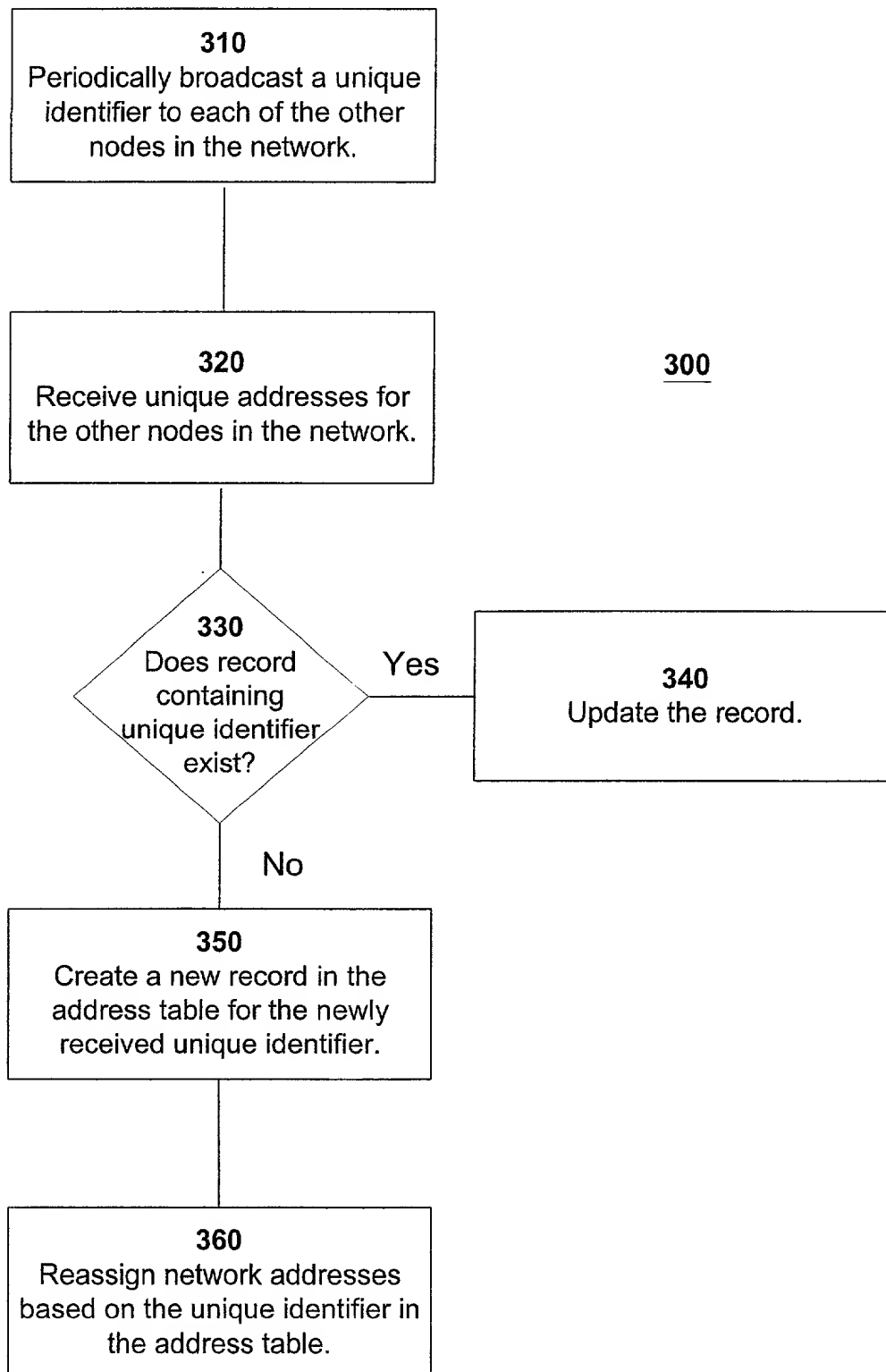
**FIG. 1D**



**FIG. 1E**



**FIG. 2**



**FIG. 3**

410 420 430

Node	Unique Identifier (MAC Address)	Network Address (IP Address)
100H	10.10.2	127.0.0.0
100I	10.10.3	127.0.0.1
100J	10.11.7	127.0.0.3
100K	10.10.9	127.0.0.2

400

FIG. 4A



410 Node	420 Unique Identifier (MAC Address)	430 Network Address (IP Address)	440 Time to Live	450 Expired	415
100H	10.10.2	127.0.0.0	15	0	
100I	10.10.3	127.0.0.1	0	1	
100J	10.11.7	127.0.0.3	15	0	
100K	10.10.9	127.0.0.2	10.5	0	

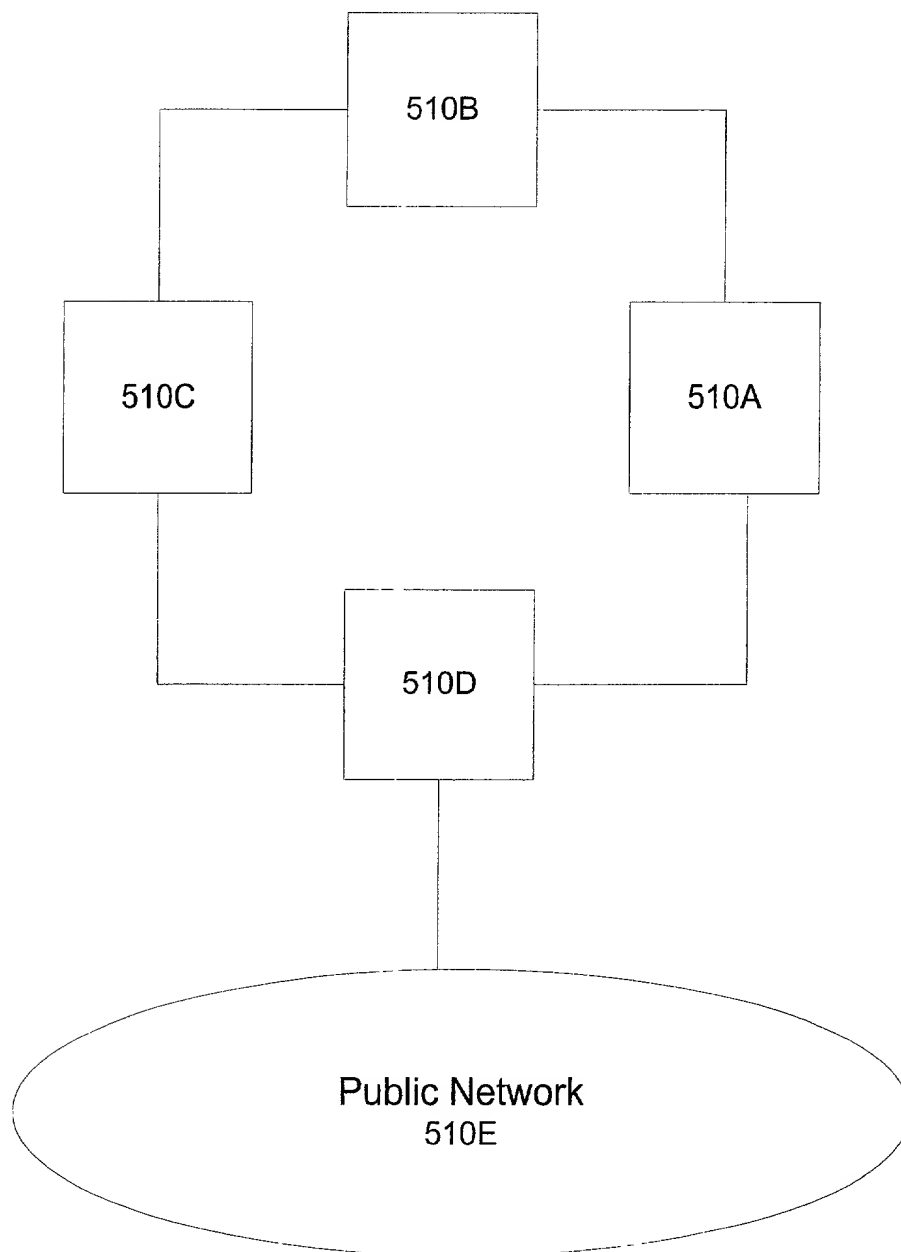
FIG. 4B

410                      420                      430                      440                      450

Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired
100H	10.10.2	127.0.0.0	15	0
100J	10.10.7	127.0.0.3	15	0
100K	10.11.9	127.0.0.1	15	0
100L	10.10.12	127.0.0.2	15	0

425

FIG. 4C



**FIG. 5**

410

420

430

440

450

Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired
100H	10.10.2	127.0.0.0	15	0
100I	10.10.3	127.0.0.1	15	0
100J	10.11.7	127.0.0.2	15	0
100K	10.10.9	127.0.0.3	15	0

600

FIG. 6A

410 Node	420 Unique Identifier (MAC Address)	430 Network Address (IP Address)	440 Time to Live	450 Expired
100H 100I 100J 100K	10.10.2 10.10.3 10.11.7 10.10.9	127.0.0.0 127.0.0.1 127.0.0.2 127.0.0.3	15 15 0 0	0 0 1 1

**610**

**FIG. 6B**

410 Node	420 Unique Identifier (MAC Address)	430 Network Address (IP Address)	440 Time to Live	450 Expired	620
100H 100I 100K	10.10.2 10.10.3 10.10.9	127.0.0.0 127.0.0.1 127.0.0.2	15 15 15	0 0 0	

FIG. 6C

410 Node	420 Unique Identifier (MAC Address)	430 Network Address (IP Address)	440 Time to Live	450 Expired	630
100H	10.10.2	127.0.0.0	15	0	
100I	10.10.3	127.0.0.1	15	0	
100J	10.11.7	127.0.0.2	0	1	
100K	10.10.9	127.0.0.3	15	0	

FIG. 6D